

Name: _____ Hour: _____

Evolution Questions

Darwin's Theory of Natural Selection (page 178)

1. Define and explain the 4 parts of "natural selection." (See Figure 7)

a)

b)

c)

d)

Genetics and Evolution & Changes in Populations (pages 179-181)

2. Where does variation in a species come from?

3. What are 3 examples of things that cause changes in populations? Name and briefly describe each

a)

b)

c)

Forming a new Species (pages 182-183)

4. What are 3 stages that could lead to speciation? Name and briefly describe each.

a)

b)

c)

Change over Time (pages 166-169)

5. How is the fossil record useful to scientists?

6. Is the fossil Record complete and accurate? Why or why not?

Examining Organisms & Comparing Organisms & Mass Extinction (pages 170-172, 197)

7. Why do scientists think that whale ancestors lived on land?

8. What things do scientists look at to determine common ancestry (who is closely related)?

Fossils and the Age of Fossils (page 194-195)

9. Describe the most common way fossils are made. (See Figure 1)

10. Which type of dating (relative or absolute) is more accurate? Explain why.